

Focus Area 5: Diabetes

Objective 5-5 targets an overall reduction in the diabetes-related death rate to 45.0 per 100,000 population. Diabetes-related deaths as defined by this HP2010 objective include those with diabetes listed as either an underlying or a contributing cause of death.

California's age-adjusted death rates for diabetes declined from 83.5 per 100,000 population in 2000 to 82.3 per 100,000 in 2003 (Figure 5-5, Table 5-5). Although decreasing, California's diabetes-related death rates are significantly higher than the HP2010 objective of 45.0 per 100,000 population.

Age-adjusted diabetes-related death rates for males were significantly higher than rates for females, and both were significantly higher than the HP2010 target. The death rates for males declined slightly from 100.5 per 100,000 in 2000 to 99.2 per 100,000 in 2003, compared with a slight decline for females from 71.1 per 100,000 in 2000 to 69.3 per 100,000 in 2003. The HP2010 objective is not being achieved for either males or females as of 2003.

Data by race and ethnicity show that the highest age-adjusted diabetes-related death rates were for Pacific Islanders (187.6 per 100,000 in 2003), followed by African American/Blacks (156.1 per 100,000 in 2003) and Hispanics/Latinos (114.9 per 100,000 in 2003). The next highest diabetes-related death rates were reported for American Indians/Alaska Natives (90.3 per 100,000 in 2003), Whites (72.2 per 100,000 in 2003), and Asians (65.9 per 100,000 in 2003). These rates are significantly higher than the HP2010 target of 45.0 per 100,000 population, and this objective is not being achieved for any of these racial or ethnic groups. The HP2010 objective is, however, being achieved for the "Multirace" population (33.1 per 100,000 in 2003).

For more information on diabetes in California, visit the California Diabetes Prevention and Control Program Web site at:

<http://www.caldiabetes.org/>

For more information on Healthy People 2010 objective 5-5, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume1/05Diabetes.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od05.htm>

Figure 5-5
Diabetes-Related Death Rates
California, 2000-2003

Healthy People 2010 Objective = 45.0

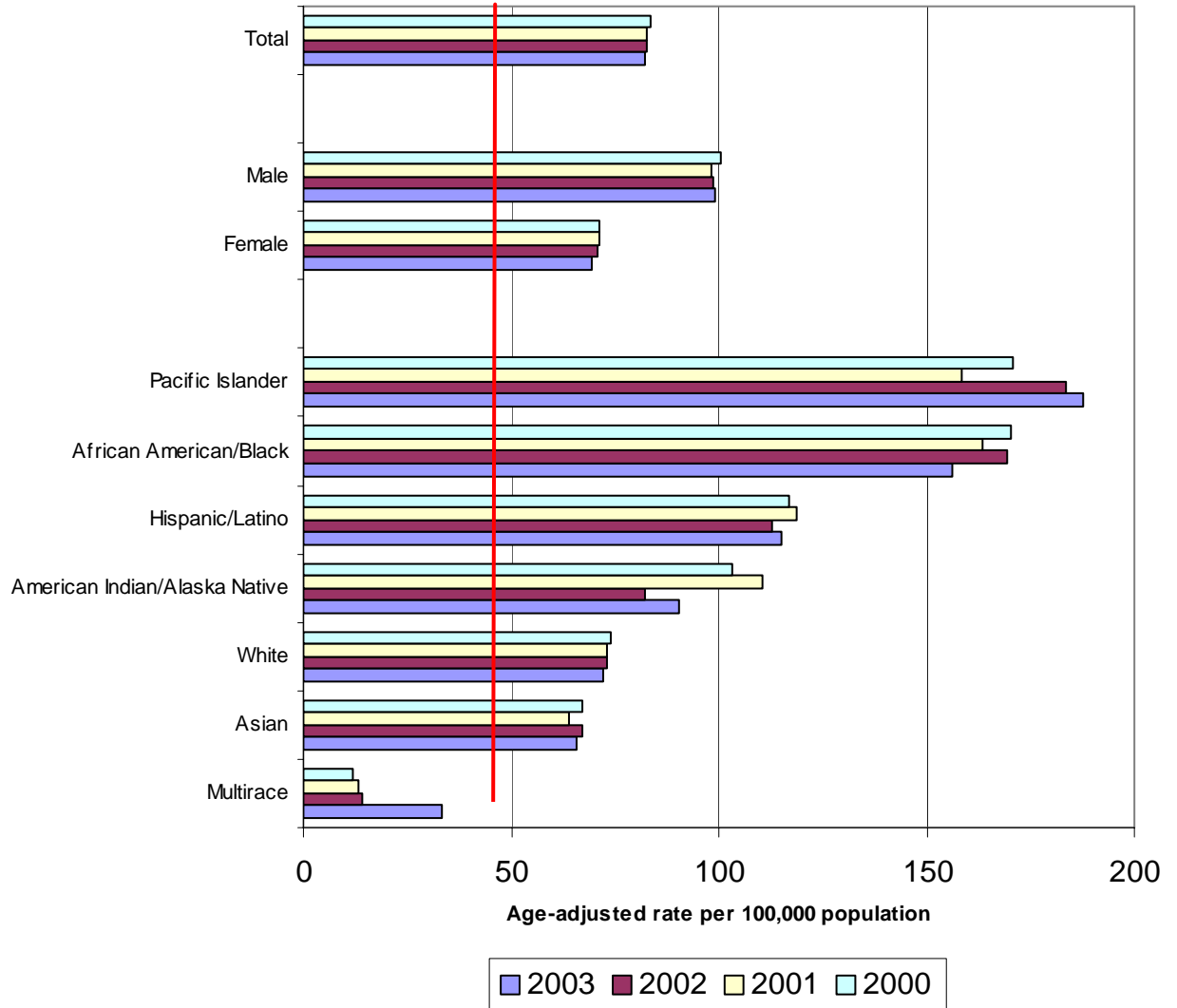


Table 5-5: Diabetes-Related Deaths and Death Rates
California, 2000-2003

Objective 5-5	2000		Lower	Upper	2001		Lower	Upper
	N	Rate ¹	95% C.I.	95% C.I.	N	Rate ¹	95% C.I.	95% C.I.
Healthy People 2010 Target		45.0				45.0		
Statewide Total	24,381	83.5	82.5	84.6	25,189	82.8	81.8	83.9
Race-Ethnicity								
African American/Black	2,636	170.2	163.6	176.8	2,644	163.6	157.2	169.9
American Indian/Alaska Native	130	103.3	84.8	121.8	160	110.3	92.7	128.0
Asian	1,808	67.3	64.2	70.5	1,891	63.9	61.0	66.8
Hispanic/Latino	4,629	117.1	113.5	120.6	5,026	118.6	115.2	122.0
Pacific Islander	96	171.0	133.4	208.6	104	158.7	125.7	191.6
White	15,042	73.8	72.6	75.0	15,317	73.2	72.0	74.4
Multirace	32	11.9	7.6	16.2	37	13.1	8.8	17.4
Gender								
Female	12,073	71.1	69.8	72.3	12,521	71.0	69.8	72.3
Male	12,308	100.5	98.7	102.3	12,668	98.4	96.6	100.1

Objective 5-5	2002		Lower	Upper	2003		Lower	Upper
	N	Rate ¹	95% C.I.	95% C.I.	N	Rate ¹	95% C.I.	95% C.I.
Healthy People 2010 Target		45.0				45.0		
Statewide Total	26,237	82.8	81.8	83.8	26,968	82.3	81.3	83.3
Race-Ethnicity								
African American/Black	2,867	169.6	163.3	176.0	2,743	156.1	150.1	162.0
American Indian/Alaska Native	140	82.0	68.0	96.1	171	90.3	76.3	104.4
Asian	2,164	67.1	64.3	70.0	2,259	65.9	63.2	68.7
Hispanic/Latino	5,193	112.7	109.5	115.9	5,706	114.9	111.8	118.0
Pacific Islander	127	183.6	149.5	217.6	136	187.6	154.3	220.9
White	15,691	73.1	72.0	74.3	15,820	72.2	71.0	73.3
Multirace	44	14.0	9.7	18.2	112	33.1	26.9	39.4
Gender								
Female	12,916	70.7	69.5	71.9	13,040	69.3	68.1	70.5
Male	13,321	98.5	96.9	100.2	13,928	99.2	97.6	100.9

SOURCES: CA Department of Health Services, Multiple Cause of Death Files, 2000-2003; CA Department of Finance, Demographic Research Unit, *Population Projections by Race/Ethnicity for California and Its Counties 2000-2050*, May 2004.

NOTES: Diabetes-related deaths defined by ICD-10 codes E10 - E14 as an underlying or a contributing cause of death.

¹ Rate per 100,000 population, age-adjusted using the 2000 U.S. population standard.